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(54) SLIDER FOR MAGNETIC HEAD

(57) Abstract:

PURPOSE: To suppress the variation in floating extent due to the yaw angle of air flow and to improve a floating characteristic by forming a groove which communicates with a negative pressure generating part at the lengthwise intermediate parts of a couple of side rails surrounding the negative pressure generating part.

CONSTITUTION: The groove 35 which communicates with the negative pressure generating recessed part 34 surrounded with the couple of side rails 31 and cross rail 33 of a slider is provided crossing the side rails 31. When the air flowing to the slider 41 in a floating state has a yaw angle to the surface 42 of a magnetic disk medium in rotation, pressure generates on each positive pressure generating surface of the couple of side rails 31 is divided into two by the groove 35 and variance in received force is reduced by the positive pressure at the right and left side rails 31 to obtain a stable slider for a negative pressure type magnetic head.

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